

PEMS 11281

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health AdministrationForm Approved
OMB No. 44-R1387

AUG 29 1980

MATERIAL SAFETY DATA SHEETRequired under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)**SECTION I**

MANUFACTURER'S NAME

PEMACO INC.

EMERGENCY TELEPHONE NO.

(213) 581-7185

ADDRESS (Number, Street, City, State, and ZIP Code)

5989 District Blvd. Maywood, Ca. 90270

CHEMICAL NAME AND SYNONYMS

Lubricant, Cutting Oil

TRADE NAME AND SYNONYMS

PEMS 11281

CHEMICAL FAMILY

Petroleum Oil plus additives

FORMULA

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)		SPECIFIC GRAVITY (H ₂ O=1)	0.930
VAPOR PRESSURE (mm Hg.)		PERCENT, VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (_____ =1)	
SOLUBILITY IN WATER	Not soluble, but readily emulsified to form "Soluble Oil Emulsion"		
APPEARANCE AND ODOR	Clear brown oil, with characteristic mild odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	310°F (PMCC)	FLAMMABLE LIMITS	N/A	Lel	Uel
EXTINGUISHING MEDIA	Dry chemical type preferred				
SPECIAL FIRE FIGHTING PROCEDURES	none special				
UNUSUAL FIRE AND EXPLOSION HAZARDS	none unusual				

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE No OSHA exposure or threshold limits have been established	
EFFECTS OF OVEREXPOSURE Slight irritation to eyes and skin	
EMERGENCY AND FIRST AID PROCEDURES Skin-remove by wiping followed by washing with soap and water Eyes-wash with copious amounts of water	

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE X		
INCOMPATIBILITY (Materials to avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Absorb with clay, diatomaceous earth or other inert material	
WASTE DISPOSAL METHOD Dispose with plant oil wastes or by controlled burning in compliance with local regulations	

SECTION VIII - SPECIAL PROTECTION INFORMATION		
RESPIRATORY PROTECTION (Specify type)		
VENTILATION	LOCAL EXHAUST as required if mist is generated	SPECIAL
	MECHANICAL (General)	OTHER
PROTECTIVE GLOVES Rubber gloves		EYE PROTECTION Approved goggles or safety glasses
OTHER PROTECTIVE EQUIPMENT		

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE Store at temperatures below 150°F	
OTHER PRECAUTIONS Avoid prolonged breathing of mist Avoid prolonged or repeated skin contact	